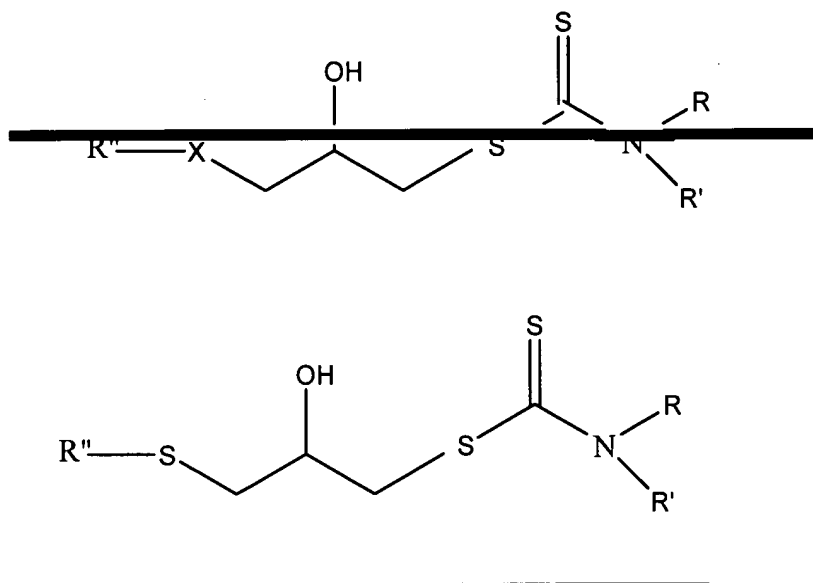


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A composition having the following chemical structure:



wherein R and R' may be hydrogen or alkyl, ~~whereby~~ where at least one of R or R' is an alkyl group having at least three carbon atoms, where R'' is alkyl, or R'''OCOCH₂, or R'''OCOCH₂CH₂, and where R''' is alkyl, ~~and X is S.~~

2. (currently amended) The composition of claim 1, wherein R and R' are independently selected from alkyl groups having at least three carbon atoms.

3. (original) The composition of claim 1, wherein R" is R'"OCOCH₂.
4. (original) The composition of claim 1, wherein R" is R'"OCOCH₂CH₂.
5. (currently amended) The composition of claim 1, wherein R" is an alkyl group.
6. (currently amended) The composition of claim 5, wherein ~~the R" alkyl group~~ is a C₄ to C₁₂ alkyl group.
7. (currently amended) The composition of claim 5, wherein ~~the R" alkyl group~~ is a C₉ to C₁₂ alkyl group.
8. (original) The composition of claim 1, wherein R and R' are independently selected from alkyl groups having three to eight carbon atoms.
9. (original) The composition of claim 1, wherein R and R' are independently selected from alkyl groups having four to six carbon atoms.
10. (original) A method of preparing a composition comprising reacting an alkyl glycidyl thioether with a primary and/or secondary amine, and carbon disulfide.
11. (original) The method of claim 10, wherein the composition is a lubricant additive.
12. (original) A lubricant additive prepared by the method of claim 11.
13. (original) The reaction product prepared by the method of claim 10.
14. (original) A lubricating oil comprising the composition of claim 1 and a base oil of lubricating viscosity.
15. (original) The lubricating oil of claim 14, further comprising at least one of a detergent, a dispersant, an antiwear agent, a friction modifier, a pour point depressant, a foam inhibitor, a corrosion inhibitor, a rust inhibitor, and a viscosity index improver.
16. (original) A lubricating oil composition comprising the lubricant additive of claim 12,

and a base oil of lubricating viscosity.

17. (original) The lubricating oil of claim 14, further comprising at least one antioxidant selected from diphenylamines, phenothiazines, hindered phenols, sulfurized hindered phenols, alkyl phenols, sulfurized alkyl phenols, methylene-bridged hindered phenols, sulfides and polysulfides, sulfurized olefins, and sulfurized fats and oils.
18. (original) A passenger car crankcase engine oil comprising the composition of claim 1.
19. (original) A heavy duty diesel engine oil comprising the composition of claim 1.
20. (original) A railroad oil comprising the composition of claim 1.
21. (original) A natural gas engine oil comprising the composition of claim 1.
22. (original) A hydraulic oil comprising the composition of claim 1.
23. (original) A turbine oil comprising the composition of claim 1.
24. (original) A rust and oxidation oil comprising the composition of claim 1.
25. (original) An automatic transmission fluid comprising the composition of claim 1.
26. (original) The composition of claim 1, wherein the total sum of carbon atoms in R, R' and R" is greater than ten.
27. (original) The composition of claim 1, wherein R, R', R", and R''' are alkyl and are independently selected from linear and branched isomers.
28. (original) The composition of claim 1, wherein R, R', R", and R''' are alkyl and are independently selected from methyl, ethyl, propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, and octadecyl, and isomers thereof.
29. (original) The method of claim 10, wherein the alkyl glycidyl thioether, primary and/or

secondary amine, and carbon disulfide are combined at approximately equal molar concentrations.

30. (original) The method of claim 10, comprising the steps:

providing an epoxide by reacting a mercaptan and epichlorohydrin; and reacting the epoxide with the amine and carbon disulfide.

31. (original) The method of claim 30, wherein the epoxide is not isolated or purified before reacting with said amine and carbon disulfide.

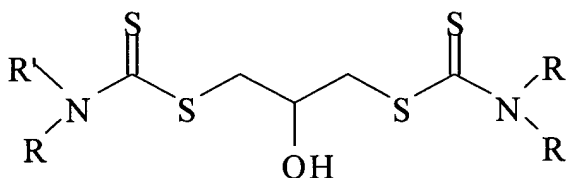
32. (original) The method of claim 10, wherein the epoxide is alkyl glycidyl thioether and the amine is a primary amine.

33. (original) The method of claim 10, wherein the epoxide is alkyl glycidyl thioether and the amine is a secondary amine.

34. (original) The method of claim 10, wherein the alkyl glycidyl thioether is selected from methylglycidyl thioether, ethylglycidyl thioether, *n*-propylglycidyl thioether, *n*-butylglycidyl thioether, *sec*-butylglycidyl thioether, *n*-hexylglycidyl thioether, cyclohexylglycidyl thioether, *n*-octylglycidyl thioether, *tert*-nonylglycidyl thioether, *n*-dodecylglycidyl thioether, *tert*-dodecylglycidyl thioether, and mixtures thereof.

35. (original) The method of claim 10, wherein the alkyl glycidyl thioether is a carboxylic acid ester-substituted alkyl glycidyl thioether.

36. (currently amended) A composition having the following chemical structure:



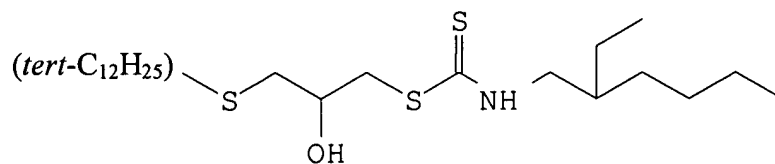
wherein R and R' are independently selected from alkyl groups having at least three carbon atoms.

37. (currently amended) The composition of claim 36, wherein R and R' are independently selected from alkyl groups having four to twenty-two carbon atoms of C₃ or greater.

38. (currently amended) The composition of claim 36, wherein R and R' are independently selected from alkyl groups having four to six carbon atoms~~A composition of 2-propanol 1,3-bis-dialkylcarbamodithioate.~~

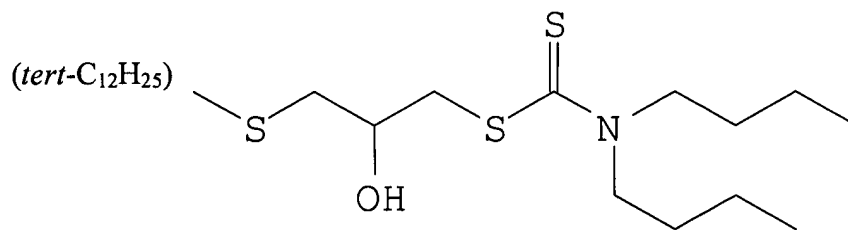
39. (original) A composition of 3-(*tert*-dodecylthio)-2-hydroxypropyl
 2-ethylhexylcarbamodithioate.

40. (currently amended) A composition having the following chemical structure:



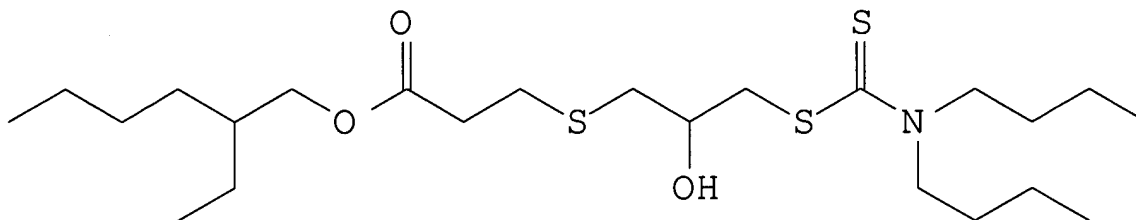
41. A composition of 3-(*tert*-dodecylthio)-2-hydroxypropyl dibutylcarbamodithioate.

42. (currently amended) A composition having the following chemical structure:



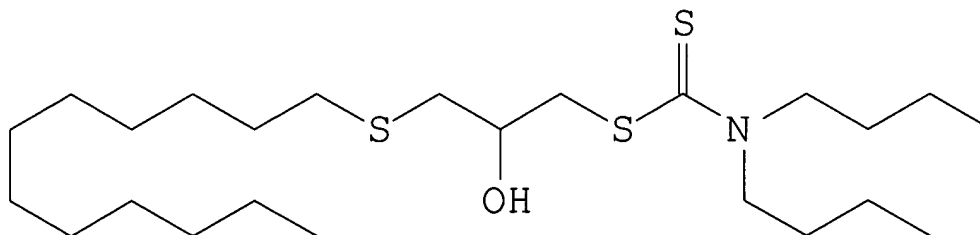
43. (original) A composition of 2-ethylhexyl 3-[[3-[[[(dibutylamino)thioxomethyl]thio]-2-hydroxypropyl]thio]propanoate.

44. (currently amended) A composition having the following chemical structure:



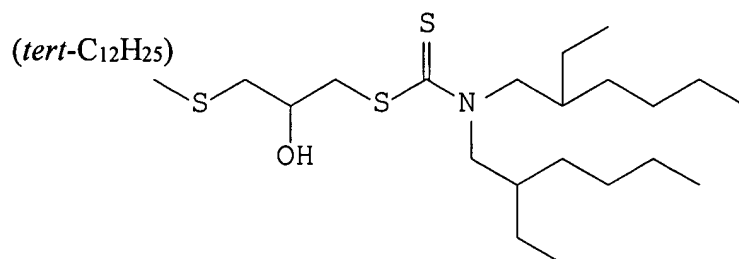
45. (original) A composition of 3-(*n*-dodecylthio)-2-hydroxypropyl dibutylcarbamodithioate.

46. (currently amended) A composition having the following chemical structure:



47. (currently amended) A composition of 3-(*tert*-dodecylthio)-2-hydroxypropyl bis(2-ethylhexyl)carbamodithioate.

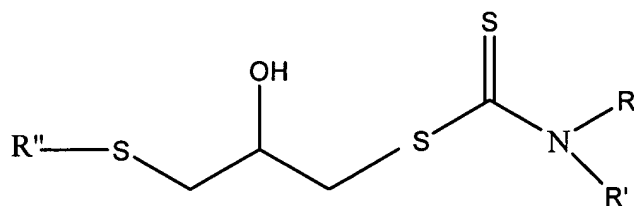
48. (currently amended) A composition having the following chemical structure:



49. (original) A method of reducing the oxidation of a lubricating oil comprising adding to an oil of lubricating viscosity an oxidation-reducing amount of a composition of claim 1.
50. (original) A method of reducing the deposit formation in an engine lubricated with a lubricating oil, said method comprising adding to an oil of lubricating viscosity a deposit-reducing amount of a composition of claim 1, and lubricating an engine with said lubricating oil.
51. (original) A method of reducing engine wear in an engine lubricated with a lubricating oil, said method comprising adding a wear-reducing amount of a composition of claim 1 to an oil of lubricating viscosity, and lubricating an engine with said oil.
52. (original) A method of reducing engine friction in an engine lubricated with a lubricating oil, said method comprising adding a friction-reducing amount of a composition of claim 1 to an oil of lubricating viscosity, and lubricating an engine with said oil.
53. (original) A method of improving fuel economy in an engine lubricated with a lubricating oil, said method comprising adding a fuel economy-improving amount of a composition of claim 1 to an oil of lubricating viscosity, and lubricating an engine with said oil.
54. (original) The method of claim 49, further comprising lubricating an engine with said lubricating oil.
55. (original) The method of claim 49, further comprising lubricating a gear with said

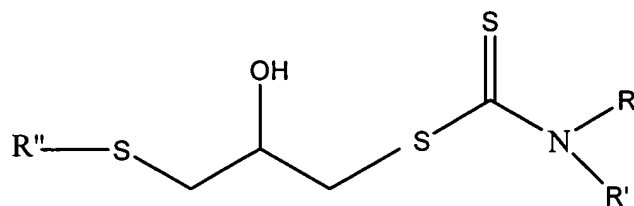
lubricating oil.

56. (original) The method of claim 49, further comprising lubricating an automatic transmission with said lubricating oil.
57. (original) The method of claim 49, further comprising lubricating a hydraulic mechanism with said lubricating oil.
58. (original) An engine lubricated with an oil comprising a composition of claim 1.
59. (original) A gear lubricated with an oil comprising a composition of claim 1.
60. (original) An automatic transmission lubricated with an oil comprising a composition of claim 1.
61. (original) A turbine lubricated with an oil comprising a composition of claim 1.
62. (new) The composition of claim 1, wherein R and R' are independently selected from alkyl groups having three to twenty-two carbon atoms.
63. (new) A composition having the following chemical structure:

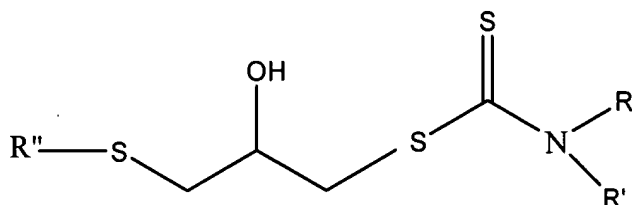


wherein R and R' may be hydrogen or alkyl, wherein at least one of R or R' is an alkyl group, where R'' is $R'''OCOCH_2$ or $R'''OCOCH_2CH_2$, and where R''' is an alkyl group.

64. (new) A composition having the following chemical structure:



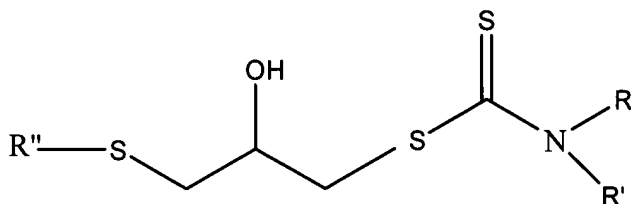
65. (new) A composition having the following chemical structure:



wherein R and R' are independently selected from alkyl groups having three to eight carbon atoms, where R'' is alkyl, or R'''OCOCH₂ or R'''OCOCH₂CH₂, and where R''' is an alkyl group.

66. (new) The composition of claim 65, wherein R and R' are independently selected from alkyl groups having four to six carbon atoms.

67. (new) A composition having the following chemical structure:



wherein R and R' may be hydrogen or alkyl, wherein at least one of R or R' is an alkyl group, where R'' is alkyl, or R'''OCOCH₂ or R'''OCOCH₂CH₂, where R''' is alkyl, and wherein the total sum of carbon atoms in R, R' and R'' is greater than ten.